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- NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
- NEWS 6 DEC 14 CA/CAPplus to be enhanced with updated IPC codes
- NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPplus with the IPC reform
- NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2
- NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
- NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
- NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT
- NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV
- NEWS 13 JAN 30 Saved answer limit increased
- NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency added to TULSA
- NEWS 15 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
- NEWS 16 FEB 22 Status of current WO (PCT) information on STN
- NEWS 17 FEB 22 The IPC thesaurus added to additional patent databases on STN
- NEWS 18 FEB 22 Updates in EPFULL; IPC 8 enhancements added
- NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT <http://download.cas.org/express/v8.0-Discover/>
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FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006

=> file medline, agricola, caba, caplus, biosis, biotechno		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 10:50:36 ON 24 FEB 2006

FILE 'AGRICOLA' ENTERED AT 10:50:36 ON 24 FEB 2006

FILE 'CABA' ENTERED AT 10:50:36 ON 24 FEB 2006  
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FILE 'CAPLUS' ENTERED AT 10:50:36 ON 24 FEB 2006  
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FILE 'BIOSIS' ENTERED AT 10:50:36 ON 24 FEB 2006  
Copyright (c) 2006 The Thomson Corporation

FILE 'BIOTECHNO' ENTERED AT 10:50:36 ON 24 FEB 2006  
COPYRIGHT (C) 2006 Elsevier Science B.V., Amsterdam. All rights reserved.

=> s (wilkinson, j? or wilkinson j?)/au  
L1 4643 (WILKINSON, J? OR WILKINSON J?)/AU

=> s (mcbride, k? or mcbride k?)/au  
L2 411 (MCBRIDE, K? OR MCBRIDE K?)/AU

=> s (bertain, s? or bertain s?)/au  
L3 12 (BERTAIN, S? OR BERTAIN S?)/AU

=> s l1 and l2 and l3  
L4 1 L1 AND L2 AND L3

=> d l4 bib

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2004:392211 CAPLUS  
DN 140:401352  
TI Genetic vector comprising heterologous 3' termination sequence that  
function in plants  
IN Wilkinson, Jack Q.; McBride, Kevin; Bertain,  
Sean  
PA USA  
SO U.S. Pat. Appl. Publ., 74 pp.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 2004092020	A1	20040513	US 2003-600230	20030620
PRAI	US 2002-390529P	P	20020620		

=> s l1 or l2 or l3  
L5 5063 L1 OR L2 OR L3

=> s l5 and termination  
L6 14 L5 AND TERMINATION

=> s l6 not l4  
L7 13 L6 NOT L4

=> duplicate remove l7  
DUPLICATE PREFERENCE IS 'MEDLINE, CAPLUS, BIOSIS'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L7  
L8 11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)

=> d l8 1-11 ti

L8 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1  
TI Expression of herbicide tolerance genes or pharmaceutical proteins in

plant plastids

L8 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Sequences of strawberry vein banding virus (svbv) promoters and uses for gene expression in plant

L8 ANSWER 3 OF 11 MEDLINE on STN DUPLICATE 2  
TI The chemopreventive agent oltipraz possesses potent antiangiogenic activity in vitro, ex vivo, and in vivo and inhibits tumor xenograft growth.

L8 ANSWER 4 OF 11 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
TI Enhancer elements for increased translation in plant plastids.

L8 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Constructs and methods for the expression of genes conferring herbicide tolerance or encoding pharmaceutical proteins in plant plastids

L8 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Expression constructs for use in plant plastids using ribosome binding sites that increase the efficiency of translation

L8 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Constructs and methods for the expression of exogenous genes in plant plastids, and uses thereof to confer herbicide tolerance to the host plant and/or produce therapeutic proteins

L8 ANSWER 8 OF 11 MEDLINE on STN  
TI Mutations in SPINK5, encoding a serine protease inhibitor, cause Netherton syndrome.

L8 ANSWER 9 OF 11 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
TI Recurrence risks in offspring of adults with major heart defects: Results from first cohort of British Collaborative Study.

L8 ANSWER 10 OF 11 MEDLINE on STN  
TI The use of exit interviews in health service facilities.

L8 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Improved binary vectors for Agrobacterium-mediated plant transformation

=> s l8 and termination(w)sequence

L9 0 L8 AND TERMINATION(W) SEQUENCE

=> s polyadenylation(s)termination

L10 1260 POLYADENYLATION(S) TERMINATION

=> s l8 and l10

L11 0 L8 AND L10

=> d l8 1-2,4-7, 11 bib

L8 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1  
AN 2002:942815 CAPLUS  
DN 138:1080  
TI Expression of herbicide tolerance genes or pharmaceutical proteins in plant plastids  
IN Staub, Jeffrey M.; Hajdukiewicz, Peter; McBride, Kevin E.; Nehra, Narendra; Schaaf, David J.; Stalker, David M.; Ye, Guangning  
PA Calgene LLC, USA  
SO U.S., 26 pp., Cont.-in-part of U.S. Ser. No. 113,257, abandoned.  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 6492578	B1	20021210	US 1999-351123	19990710
	WO 2001004327	A1	20010118	WO 2000-US18727	20000710

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,  
 CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,  
 IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,  
 MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,  
 SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ,  
 BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,  
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 1998-113257 B2 19980710  
 US 1999-351123 A 19990710

RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2002:391894 CAPLUS  
 DN 136:396979  
 TI Sequences of strawberry vein banding virus (svbv) promoters and uses for  
 gene expression in plant  
 IN Wu, Gusui; McBride, Kevin  
 PA Maxygen, Inc., USA  
 SO PCT Int. Appl., 46 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002040691	A2	20020523	WO 2001-US47964	20011030
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002032554	A5	20020527	AU 2002-32554	20011030
	US 2002182593	A1	20021205	US 2001-20540	20011030
PRAI	US 2000-245354P	P	20001101		
	WO 2001-US47964	W	20011030		

L8 ANSWER 4 OF 11 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
 AN 2001:453350 BIOSIS  
 DN PREV200100453350  
 TI Enhancer elements for increased translation in plant plastids.  
 AU McBride, Kevin E. [Inventor, Reprint author]; Staub, Jeffrey M.  
 [Inventor]  
 CS Davis, CA, USA  
 ASSIGNEE: Calgene LLC  
 PI US 6271444 20010807  
 SO Official Gazette of the United States Patent and Trademark Office Patents,  
 (Aug. 7, 2001) Vol. 1249, No. 1. e-file.  
 CODEN: OGUPE7. ISSN: 0098-1133.  
 DT Patent  
 LA English  
 ED Entered STN: 26 Sep 2001  
 Last Updated on STN: 22 Feb 2002

L8 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2000:53901 CAPLUS  
 DN 132:103755  
 TI Constructs and methods for the expression of genes conferring herbicide  
 tolerance or encoding pharmaceutical proteins in plant plastids  
 IN Hajdukiewicz, Peter; McBride, Kevin E.; Nehra, Narendra; Schaaf,  
 David J.; Stalker, David M.; Staub, Jeffrey M.; Ye, Guangning  
 PA Calgene LLC, USA  
 SO PCT Int. Appl., 62 pp.  
 CODEN: PIXXD2

DT Patent  
LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000003022	A2	20000120	WO 1999-US15472	19990710
	WO 2000003022	A3	20000713		
	W: BR, CA, JP, MX				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2332700	AA	20000120	CA 1999-2332700	19990710
	EP 1097223	A2	20010509	EP 1999-933797	19990710
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	BR 9912498	A	20010918	BR 1999-12498	19990710
	JP 2002520024	T2	20020709	JP 2000-559243	19990710
PRAI	US 1998-113257	A	19980710		
	WO 1999-US15472	W	19990710		

L8 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2000:53889 CAPLUS

DN 132:103752

TI Expression constructs for use in plant plastids using ribosome binding sites that increase the efficiency of translation

IN McBride, Kevin E.; Staub, Jeffrey M.

PA Calgene LLC, USA

SO PCT Int. Appl., 55 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000003017	A2	20000120	WO 1999-US15713	19990708
	WO 2000003017	A3	20000706		
	W: CA, JP, MX				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6271444	B1	20010807	US 1998-113690	19980710
	CA 2333308	AA	20000120	CA 1999-2333308	19990708
	EP 1095144	A2	20010502	EP 1999-933908	19990708
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2002520022	T2	20020709	JP 2000-559238	19990708
PRAI	US 1998-113690	A	19980710		
	WO 1999-US15713	W	19990708		

L8 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2000:53875 CAPLUS

DN 132:103750

TI Constructs and methods for the expression of exogenous genes in plant plastids, and uses thereof to confer herbicide tolerance to the host plant and/or produce therapeutic proteins

IN McBride, Kevin E.; Nehra, Narender; Russell, Douglas A.; Stalker, David M.

PA Calgene LLC, USA

SO PCT Int. Appl., 60 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000003012	A2	20000120	WO 1999-US15473	19990710
	WO 2000003012	A3	20000608		
	W: BR, CA, JP, MX, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 2002053094	A1	20020502	US 1998-113244	19980710
	US 6512162	B2	20030128		

CA 2333148	AA	20000120	CA 1999-2333148	19990710
EP 1097211	A2	20010509	EP 1999-933798	19990710
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
BR 9912019	A	20020219	BR 1999-12019	19990710
JP 2002520019	T2	20020709	JP 2000-559233	19990710
US 2003033636	A1	20030213	US 2002-103516	20020320
US 6812379	B2	20041102		
US 2005283848	A1	20051222	US 2004-917774	20040813
PRAI US 1998-113244	A	19980710		
US 1999-316847	A	19990521		
WO 1999-US15473	W	19990710		
US 2002-103516	A3	20020320		

L8 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1990:173592 CAPLUS  
DN 112:173592  
TI Improved binary vectors for Agrobacterium-mediated plant transformation  
AU McBride, Kevin E.; Summerfelt, Kristin R.  
CS Calgene Inc., Davis, CA, 95616, USA  
SO Plant Molecular Biology (1990), 14(2), 269-76  
CODEN: PMBIDB; ISSN: 0167-4412  
DT Journal  
LA English

=> d his

(FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 10:50:36 ON 24 FEB 2006

L1 4643 S (WILKINSON, J? OR WILKINSON J?)/AU  
L2 411 S (MCBRIDE, K? OR MCBRIDE K?)/AU  
L3 12 S (BERTAIN, S? OR BERTAIN S?)/AU  
L4 1 S L1 AND L2 AND L3  
L5 5063 S L1 OR L2 OR L3  
L6 14 S L5 AND TERMINATION  
L7 13 S L6 NOT L4  
L8 11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)  
L9 0 S L8 AND TERMINATION(W) SEQUENCE  
L10 1260 S POLYADENYLATION(S) TERMINATION  
L11 0 S L8 AND L10

=> s ya and cleavage

L12 56 YA AND CLEAVAGE

=> s tayrta

L13 6 TAYRTA

=> s l12 or l13

L14 61 L12 OR L13

=> s l12 and l13

L15 1 L12 AND L13

=> d l15 ti

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

TI Genetic vector comprising heterologous 3' termination sequence that function in plants

=> duplicate remove l13

DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CAPLUS, BIOSIS, BIOTECHNO'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L13

L16 2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)

=> d l16 1-2 ti

L16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Genetic vector comprising heterologous 3' termination sequence that  
function in plants

L16 ANSWER 2 OF 2 MEDLINE on STN DUPLICATE 1  
TI Saturation mutagenesis of a polyadenylation signal reveals a  
hexanucleotide element essential for mRNA 3' end formation in  
Saccharomyces cerevisiae.

=> d l16 2 bib

L16 ANSWER 2 OF 2 MEDLINE on STN DUPLICATE 1  
AN 94105146 MEDLINE  
DN PubMed ID: 8278376  
TI Saturation mutagenesis of a polyadenylation signal reveals a  
hexanucleotide element essential for mRNA 3' end formation in  
Saccharomyces cerevisiae.  
AU Irniger S; Braus G H  
CS Institute of Microbiology, Swiss Federal Institute of Technology, Zurich.  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1994 Jan 4) 91 (1) 257-61.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-Z35134  
EM 199402  
ED Entered STN: 19940218  
Last Updated on STN: 19960129  
Entered Medline: 19940204

=> d his

(FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
10:50:36 ON 24 FEB 2006

L1 4643 S (WILKINSON, J? OR WILKINSON J?)/AU  
L2 411 S (MCBRIDE, K? OR MCBRIDE K?)/AU  
L3 12 S (BERTAIN, S? OR BERTAIN S?)/AU  
L4 1 S L1 AND L2 AND L3  
L5 5063 S L1 OR L2 OR L3  
L6 14 S L5 AND TERMINATION  
L7 13 S L6 NOT L4  
L8 11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)  
L9 0 S L8 AND TERMINATION(W) SEQUENCE  
L10 1260 S POLYADENYLATION(S) TERMINATION  
L11 0 S L8 AND L10  
L12 56 S YA AND CLEAVAGE  
L13 6 S TAYRTA  
L14 61 S L12 OR L13  
L15 1 S L12 AND L13  
L16 2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)

=> duplicate remove l12

DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L12

L17 27 DUPLICATE REMOVE L12 (29 DUPLICATES REMOVED)

=> d l17 1-10 ti

L17 ANSWER 1 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Genetic vector comprising heterologous 3' termination sequence that  
function in plants

L17 ANSWER 2 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Brevia: Enhancing gene targeting with designed zinc finger nucleases

L17 ANSWER 3 OF 27 BIOTECHNO COPYRIGHT 2006 Elsevier Science B.V. on STN  
 TI Fibrinogen gamma-chain splice variant  $\gamma'$  alters fibrin formation and structure

L17 ANSWER 4 OF 27 MEDLINE on STN DUPLICATE 1  
 TI Nitric oxide in oocyte maturation, ovulation, fertilization, **cleavage** and implantation: a little dab'll do ya.

L17 ANSWER 5 OF 27 BIOTECHNO COPYRIGHT 2006 Elsevier Science B.V. on STN  
 TI Molecular cloning of a potential Verticillium dahliae resistance gene SlVe1 with multi-site polyadenylation from Solanum lycopersicoides

L17 ANSWER 6 OF 27 MEDLINE on STN DUPLICATE 2  
 TI Fusion expression of the ORF5 gene of porcine reproductive and respiratory syndrome virus in insect cells.

L17 ANSWER 7 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Novel lactam metalloprotease inhibitors as antiinflammatory agents

L17 ANSWER 8 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Targeted chromosomal **cleavage** and mutagenesis in Drosophila using zinc-finger nucleases

L17 ANSWER 9 OF 27 MEDLINE on STN DUPLICATE 3  
 TI The FIRE3-mediated sterol response of the FAS promoter requires NF-Y/CBF as a coactivator.

L17 ANSWER 10 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Nonenzymatic **cleavage** of oligoribonucleotides

=> d l17 10 bib

L17 ANSWER 10 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2002:356140 CAPLUS  
 DN 138:84948  
 TI Nonenzymatic **cleavage** of oligoribonucleotides  
 AU Kierzek, Ryszard  
 CS Institute of Bioorganic Chemistry, Polish Academy of Sciences, Poznan, 61-704, Pol.  
 SO Methods in Enzymology (2001), 341(Ribonucleases, Part A), 657-675  
 CODEN: MENZAU; ISSN: 0076-6879  
 PB Academic Press  
 DT Journal; General Review  
 LA English  
 RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l17 11-20 ti

L17 ANSWER 11 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Kurgantaite CaSr[B5O9]Cl·H2O: revalidation of the mineral species and new data

L17 ANSWER 12 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI DNA damage by iron and hydrogen peroxide

L17 ANSWER 13 OF 27 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
 TI Genetic dissection of **YA**, a nuclear lamina protein essential for the meiosis/mitosis transition in Drosophila eggs and embryos.

L17 ANSWER 14 OF 27 MEDLINE on STN DUPLICATE 4  
 TI The Drosophila fs(1)**Ya** protein, which is needed for the first mitotic division, is in the nuclear lamina and in the envelopes of **cleavage** nuclei, pronuclei, and nonmitotic nuclei.



L17 ANSWER 15 OF 27 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
 TI Propionyl-CoA elimination may be a rate-determining step of selective cleavage of sterol side chain.

L17 ANSWER 16 OF 27 MEDLINE on STN DUPLICATE 5  
 TI Leishmanial protein kinases phosphorylate components of the complement system.

L17 ANSWER 17 OF 27 BIOTECHNO COPYRIGHT 2006 Elsevier Science B.V. on STN  
 TI Ethoxyquin-induced resistance to aflatoxin B.sub.1 in the rat is associated with the expression of a novel Alpha-class glutathione S-transferase subunit, Yc.sub.2, which possesses high catalytic activity for aflatoxin B.sub.1-8,9-epoxide

L17 ANSWER 18 OF 27 MEDLINE on STN DUPLICATE 6  
 TI Transcription and decay of the lac messenger: role of an intergenic terminator.

L17 ANSWER 19 OF 27 MEDLINE on STN DUPLICATE 7  
 TI The role of selenium-dependent and selenium-independent glutathione peroxidases in the formation of prostaglandin F2 alpha.

L17 ANSWER 20 OF 27 MEDLINE on STN DUPLICATE 8  
 TI Specificity of alkaline elastase Bacillus on the oxidized insulin A- and B-chains.

=> d 117 18 bib

L17 ANSWER 18 OF 27 MEDLINE on STN DUPLICATE 6  
 AN 91100294 MEDLINE  
 DN PubMed ID: 1702782  
 TI Transcription and decay of the lac messenger: role of an intergenic terminator.  
 AU Murakawa G J; Kwan C; Yamashita J; Nierlich D P  
 CS Department of Microbiology and Molecular Genetics, University of California, Los Angeles 90024-1489.  
 NC GM 07104 (NIGMS)  
 GM 37126 (NIGMS)  
 SO Journal of bacteriology, (1991 Jan) 173 (1) 28-36.  
 Journal code: 2985120R. ISSN: 0021-9193.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199102  
 ED Entered STN: 19910329  
 Last Updated on STN: 19970203  
 Entered Medline: 19910220

=> d 117 21-27 ti

L17 ANSWER 21 OF 27 MEDLINE on STN DUPLICATE 9  
 TI Mouse glutathione S-transferase Ya subunit: gene structure and sequence.

L17 ANSWER 22 OF 27 MEDLINE on STN DUPLICATE 10  
 TI Evidence for two forms of ligandin (YaYa dimers of glutathione S-transferase) in rat liver and kidney.

L17 ANSWER 23 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Study of 14C-1-tyrosine metabolism in the rat thyroid gland

L17 ANSWER 24 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Meso-ionic 1-amino-1,3,4-triazolium-2-thiolates

L17 ANSWER 25 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN

TI Enthalpy of formation of N,N-difluorobenzylamine

L17 ANSWER 26 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN

TI Thermal polymerization of s-triazines with opening of the ring

L17 ANSWER 27 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN

TI Crystals of narsarsukite

=> d his

(FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
10:50:36 ON 24 FEB 2006

L1 4643 S (WILKINSON, J? OR WILKINSON J?)/AU

L2 411 S (MCBRIDE, K? OR MCBRIDE K?)/AU

L3 12 S (BERTAIN, S? OR BERTAIN S?)/AU

L4 1 S L1 AND L2 AND L3

L5 5063 S L1 OR L2 OR L3

L6 14 S L5 AND TERMINATION

L7 13 S L6 NOT L4

L8 11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)

L9 0 S L8 AND TERMINATION(W)SEQUENCE

L10 1260 S POLYADENYLATION(S)TERMINATION

L11 0 S L8 AND L10

L12 56 S YA AND CLEAVAGE

L13 6 S TAYRTA

L14 61 S L12 OR L13

L15 1 S L12 AND L13

L16 2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)

L17 27 DUPLICATE REMOVE L12 (29 DUPLICATES REMOVED)

=> call

CAL1 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> s call

L18 247 CAL1

=> s l18 and yeast

L19 83 L18 AND YEAST

=> s l19 and (polyadenylation or termination)

L20 0 L19 AND (POLYADENYLATION OR TERMINATION)

=> duplicate remove l19

DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L19

L21 28 DUPLICATE REMOVE L19 (55 DUPLICATES REMOVED)

=> d l21 1-10 ti

L21 ANSWER 1 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

TI Use of fusion proteins comprising geranylgeranylprotein transferase  
sequence homologs for identifying antifungal agents by two-hybrid  
screening

L21 ANSWER 2 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

TI Metabolic engineering of Saccharomyces cerevisiae for the synthesis of the  
wine-related antioxidant resveratrol

L21 ANSWER 3 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

TI Assays and reagents for identifying antifungal agents, and related uses

L21 ANSWER 4 OF 28 MEDLINE on STN DUPLICATE 1

TI Prenylation of Rhop is required for activation of yeast 1,

3-beta-glucan synthase.

L21 ANSWER 5 OF 28 MEDLINE on STN DUPLICATE 2  
TI Active site determination of yeast geranylgeranyl protein transferase type I expressed in Escherichia coli.

L21 ANSWER 6 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 3  
TI An efficient system for the expression and purification of yeast geranylgeranyl protein transferase type I

L21 ANSWER 7 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Characterization of yeast geranylgeranyl transferase type I expressed in Escherichia coli

L21 ANSWER 8 OF 28 MEDLINE on STN DUPLICATE 4  
TI chs-4, a class IV chitin synthase gene from Neurospora crassa.

L21 ANSWER 9 OF 28 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2006) on STN  
TI chs-4, a class IV chitin synthase gene from Neurospora crassa.

L21 ANSWER 10 OF 28 MEDLINE on STN DUPLICATE 5  
TI Mutational analysis of the beta-subunit of yeast geranylgeranyl transferase I.

=> d l21 11-10 ti

'11-10' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):11-20

'11-20' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):11-20 ti

'11-20' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d his

'D' IS NOT A VALID FORMAT

'HIS' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d

'D' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d l21 11-20 ti

'D' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):l21

'L135' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):ti

L21 ANSWER 1 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Use of fusion proteins comprising geranylgeranylprotein transferase sequence homologs for identifying antifungal agents by two-hybrid screening

=> d l21 11-20 ti

L21 ANSWER 11 OF 28 MEDLINE on STN DUPLICATE 6  
TI Attenuated virulence of chitin-deficient mutants of *Candida albicans*.

L21 ANSWER 12 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Mutant farnesyltransferase  $\beta$  subunit of *Saccharomyces cerevisiae* that can substitute for geranylgeranyltransferase type I  $\beta$  subunit

L21 ANSWER 13 OF 28 MEDLINE on STN DUPLICATE 7  
TI DNA sequence analysis of a 35 kb segment from *Saccharomyces cerevisiae* chromosome VII reveals 19 open reading frames including RAD54, ACE1/CUP2, PMR1, RCK1, AMS1 and CAL1/CDC43.

L21 ANSWER 14 OF 28 MEDLINE on STN DUPLICATE 8  
TI **Yeast** Krelp is a cell surface O-glycoprotein.

L21 ANSWER 15 OF 28 MEDLINE on STN  
TI Mutagenesis and biochemical analysis of recombinant **yeast** prenyltransferases.

L21 ANSWER 16 OF 28 MEDLINE on STN DUPLICATE 9  
TI Are **yeast** chitin synthases regulated at the transcriptional or the posttranslational level?.

L21 ANSWER 17 OF 28 MEDLINE on STN DUPLICATE 10  
TI Chitin synthase 3 from **yeast** has zymogenic properties that depend on both the CAL1 and the CAL3 genes.

L21 ANSWER 18 OF 28 MEDLINE on STN  
TI Disruption of two genes for chitin synthase in the phytopathogenic fungus *Ustilago maydis*.

L21 ANSWER 19 OF 28 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
TI The *Schizosaccharomyces pombe* cwg2+ gene codes for the beta subunit of a geranylgeranyltransferase type I required for beta-glucan synthesis.

L21 ANSWER 20 OF 28 MEDLINE on STN DUPLICATE 11  
TI Absence of cell wall chitin in *Saccharomyces cerevisiae* leads to resistance to *Kluyveromyces lactis* killer toxin.

=> d l21 16 bib

L21 ANSWER 16 OF 28 MEDLINE on STN DUPLICATE 9  
AN 95059000 MEDLINE  
DN PubMed ID: 7969112  
TI Are **yeast** chitin synthases regulated at the transcriptional or the posttranslational level?.  
AU Choi W J; Santos B; Duran A; Cabib E  
CS Laboratory of Biochemistry and Metabolism, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland 20892.  
SO Molecular and cellular biology, (1994 Dec) 14 (12) 7685-94.  
Journal code: 8109087. ISSN: 0270-7306.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English

FS Priority Journals  
EM 199412  
ED Entered STN: 19950110  
Last Updated on STN: 19950110  
Entered Medline: 19941220

=> d l21 21-28 ti

L21 ANSWER 21 OF 28 BIOTECHNO COPYRIGHT 2006 Elsevier Science B.V. on STN  
TI Genetics and molecular biology of chitin synthesis in fungi

L21 ANSWER 22 OF 28 MEDLINE on STN DUPLICATE 12  
TI Cloning of the chitin synthase 3 gene from *Candida albicans* and its expression during yeast-hyphal transition.

L21 ANSWER 23 OF 28 MEDLINE on STN  
TI Biosynthesis of cell wall and septum during yeast growth.

L21 ANSWER 24 OF 28 MEDLINE on STN DUPLICATE 13  
TI DIT101 (CSD2, **CAL1**), a cell cycle-regulated yeast gene required for synthesis of chitin in cell walls and chitosan in spore walls.

L21 ANSWER 25 OF 28 MEDLINE on STN DUPLICATE 14  
TI RHO gene products, putative small GTP-binding proteins, are important for activation of the **CAL1**/CDC43 gene product, a protein geranylgeranyltransferase in *Saccharomyces cerevisiae*.

L21 ANSWER 26 OF 28 MEDLINE on STN DUPLICATE 15  
TI Yeast **CAL1** is a structural and functional homologue to the DPR1 (RAM) gene involved in ras processing.

L21 ANSWER 27 OF 28 MEDLINE on STN DUPLICATE 16  
TI Protein geranylgeranyltransferase of *Saccharomyces cerevisiae* is specific for Cys-Xaa-Xaa-Leu motif proteins and requires the CDC43 gene product but not the DPR1 gene product.

L21 ANSWER 28 OF 28 MEDLINE on STN DUPLICATE 17  
TI Genetic study of the role of calcium ions in the cell division cycle of *Saccharomyces cerevisiae*: a calcium-dependent mutant and its trifluoperazine-dependent pseudorevertants.

=> d l21 24 bib

L21 ANSWER 24 OF 28 MEDLINE on STN DUPLICATE 13  
AN 93190637 MEDLINE  
DN PubMed ID: 1293886  
TI DIT101 (CSD2, **CAL1**), a cell cycle-regulated yeast gene required for synthesis of chitin in cell walls and chitosan in spore walls.

AU Pammer M; Briza P; Ellinger A; Schuster T; Stucka R; Feldmann H; Breitenbach M  
CS Institut für Mikrobiologie und Genetik, Universität Wien, Austria.  
SO Yeast (Chichester, England), (1992 Dec) 8 (12) 1089-99.  
Journal code: 8607637. ISSN: 0749-503X.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199304  
ED Entered STN: 19930416  
Last Updated on STN: 19930416  
Entered Medline: 19930405

=> d his

(FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
10:50:36 ON 24 FEB 2006

L1 4643 S (WILKINSON, J? OR WILKINSON J?)/AU  
L2 411 S (MCBRIDE, K? OR MCBRIDE K?)/AU  
L3 12 S (BERTAIN, S? OR BERTAIN S?)/AU  
L4 1 S L1 AND L2 AND L3  
L5 5063 S L1 OR L2 OR L3  
L6 14 S L5 AND TERMINATION  
L7 13 S L6 NOT L4  
L8 11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)  
L9 0 S L8 AND TERMINATION(W)SEQUENCE  
L10 1260 S POLYADENYLATION(S)TERMINATION  
L11 0 S L8 AND L10  
L12 56 S YA AND CLEAVAGE  
L13 6 S TAYRTA  
L14 61 S L12 OR L13  
L15 1 S L12 AND L13  
L16 2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)  
L17 27 DUPLICATE REMOVE L12 (29 DUPLICATES REMOVED)  
L18 247 S CAL1  
L19 83 S L18 AND YEAST  
L20 0 S L19 AND (POLYADENYLATION OR TERMINATION)  
L21 28 DUPLICATE REMOVE L19 (55 DUPLICATES REMOVED)

=> file uspatfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	79.95	80.16

FILE 'USPATFULL' ENTERED AT 11:12:43 ON 24 FEB 2006  
CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 23 Feb 2006 (20060223/PD)  
FILE LAST UPDATED: 23 Feb 2006 (20060223/ED)  
HIGHEST GRANTED PATENT NUMBER: US7003800  
HIGHEST APPLICATION PUBLICATION NUMBER: US2006041984  
CA INDEXING IS CURRENT THROUGH 23 Feb 2006 (20060223/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 23 Feb 2006 (20060223/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2005  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2005

=> s 14

293 WILKINSON, J?/AU  
293 WILKINSON J?/AU  
52 MCBRIDE, K?/AU  
52 MCBRIDE K?/AU  
2 BERTAIN, S?/AU  
2 BERTAIN S?/AU  
L22 2 L1 AND L2 AND L3

=> d 122 1-2 ti

L22 ANSWER 1 OF 2 USPATFULL on STN  
TI Vectors for plant transformation and methods of use

L22 ANSWER 2 OF 2 USPATFULL on STN  
TI Genetic construct having heterologous 3' polyadenylation signal motifs that function in plants

=> d 122 1-2 bib

L22 ANSWER 1 OF 2 USPATFULL on STN  
AN 2006:48477 USPATFULL  
TI Vectors for plant transformation and methods of use  
IN Lassner, Michael, Foster City, CA, UNITED STATES  
McBride, Kevin E., Davis, CA, UNITED STATES  
Wilkinson, Jack Q., Redwood City, CA, UNITED STATES

Bertain, Sean M., Piedmont, CA, UNITED STATES  
PA Pioneer Hi-Bred International, Inc. (U.S. corporation)  
PI US 2006041956 A1 20060223  
AI US 2005-100258 A1 20050406 (11)  
PRAI US 2004-559895P 20040406 (60)  
DT Utility  
FS APPLICATION  
LREP PIONEER HI-BRED INTERNATIONAL, INC., 7250 N.W. 62ND AVENUE, P.O. BOX  
552, JOHNSTON, IA, 50131-0552, US  
CLMN Number of Claims: 19  
ECL Exemplary Claim: 1  
DRWN 18 Drawing Page(s)  
LN.CNT 2043

L22 ANSWER 2 OF 2 USPATFULL on STN  
AN 2004:120610 USPATFULL  
TI Genetic construct having heterologous 3' polyadenylation signal motifs  
that function in plants  
IN Wilkinson, Jack Q., Redwood City, CA, UNITED STATES  
McBride, Kevin, Davis, CA, UNITED STATES  
Bertain, Sean, Piedmont, CA, UNITED STATES  
PI US 2004092020 A1 20040513  
AI US 2003-600230 A1 20030620 (10)  
PRAI US 2002-390529P 20020620 (60)  
DT Utility  
FS APPLICATION  
LREP MAXYGEN, INC., INTELLECTUAL PROPERTY DEPARTMENT, 515 GALVESTON DRIVE,  
RED WOOD CITY, CA, 94063  
CLMN Number of Claims: 17  
ECL Exemplary Claim: 1  
DRWN 4 Drawing Page(s)  
LN.CNT 4490  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
10:50:36 ON 24 FEB 2006

L1 4643 S (WILKINSON, J? OR WILKINSON J?)/AU  
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L4 1 S L1 AND L2 AND L3  
L5 5063 S L1 OR L2 OR L3  
L6 14 S L5 AND TERMINATION  
L7 13 S L6 NOT L4  
L8 11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)  
L9 0 S L8 AND TERMINATION(W) SEQUENCE  
L10 1260 S POLYADENYLATION(S) TERMINATION  
L11 0 S L8 AND L10  
L12 56 S YA AND CLEAVAGE  
L13 6 S TAYRTA  
L14 61 S L12 OR L13  
L15 1 S L12 AND L13  
L16 2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)  
L17 27 DUPLICATE REMOVE L12 (29 DUPLICATES REMOVED)  
L18 247 S CAL1  
L19 83 S L18 AND YEAST  
L20 0 S L19 AND (POLYADENYLATION OR TERMINATION)  
L21 28 DUPLICATE REMOVE L19 (55 DUPLICATES REMOVED)

FILE 'USPATFULL' ENTERED AT 11:12:43 ON 24 FEB 2006

L22 2 S L4

=> s 15

293 WILKINSON, J?/AU  
293 WILKINSON J?/AU  
52 MCBRIDE, K?/AU

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      52 MCBRIDE K?/AU
      2 BERTAIN, S?/AU
      2 BERTAIN S?/AU
L23    342 L1 OR L2 OR L3

=> s l23 and termination
      186841 TERMINATION
L24    45 L23 AND TERMINATION

=> s l24 and plant
      243178 PLANT
L25    30 L24 AND PLANT

=> s l25 not l22
L26    28 L25 NOT L22

=> d l26 1-10 ti

L26    ANSWER 1 OF 28  USPATFULL on STN
TI      Production of antibodies

L26    ANSWER 2 OF 28  USPATFULL on STN
TI      Control of gene expression in eukaryotic cells

L26    ANSWER 3 OF 28  USPATFULL on STN
TI      Glyphosate resistant plants using hybrid promoter constructs

L26    ANSWER 4 OF 28  USPATFULL on STN
TI      Plants having high plant map values

L26    ANSWER 5 OF 28  USPATFULL on STN
TI      Control of gene expression in eukaryotic cells

L26    ANSWER 6 OF 28  USPATFULL on STN
TI      Production of antibodies

L26    ANSWER 7 OF 28  USPATFULL on STN
TI      Novel plant expression constructs

L26    ANSWER 8 OF 28  USPATFULL on STN
TI      Novel plant expression constructs

L26    ANSWER 9 OF 28  USPATFULL on STN
TI      Mammalian SIMP protein, gene sequence and uses thereof in cancer therapy

L26    ANSWER 10 OF 28  USPATFULL on STN
TI      Cotton fiber transcriptional factors

=> s l26 call
MISSING OPERATOR L26 CAL1
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s l26 and call
      179 CAL1
L27    0 L26 AND CAL1

=> d his

(FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
10:50:36 ON 24 FEB 2006
L1      4643 S (WILKINSON, J? OR WILKINSON J?)/AU
L2      411 S (MCBRIDE, K? OR MCBRIDE K?)/AU
L3      12 S (BERTAIN, S? OR BERTAIN S?)/AU
L4      1 S L1 AND L2 AND L3
L5      5063 S L1 OR L2 OR L3
L6      14 S L5 AND TERMINATION

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L7      13 S L6 NOT L4
L8      11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)
L9      0 S L8 AND TERMINATION(W) SEQUENCE
L10     1260 S POLYADENYLATION(S) TERMINATION
L11     0 S L8 AND L10
L12     56 S YA AND CLEAVAGE
L13     6 S TAYRTA
L14     61 S L12 OR L13
L15     1 S L12 AND L13
L16     2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)
L17     27 DUPLICATE REMOVE L12 (29 DUPLICATES REMOVED)
L18     247 S CAL1
L19     83 S L18 AND YEAST
L20     0 S L19 AND (POLYADENYLATION OR TERMINATION)
L21     28 DUPLICATE REMOVE L19 (55 DUPLICATES REMOVED)

FILE 'USPATFULL' ENTERED AT 11:12:43 ON 24 FEB 2006

L22     2 S L4
L23     342 S L5
L24     45 S L23 AND TERMINATION
L25     30 S L24 AND PLANT
L26     28 S L25 NOT L22
L27     0 S L26 AND CAL1

=> s l12
      5429 YA
      95866 CLEAVAGE
L28     390 YA AND CLEAVAGE

=> s ya same cleavage
      5429 YA
      3333621 SAME
      95866 CLEAVAGE
L29     0 YA SAME CLEAVAGE
          (YA(W) SAME(W) CLEAVAGE)

=> s ya(s) cleavage
      5429 YA
      95866 CLEAVAGE
L30     10 YA(S) CLEAVAGE

=> s tayrta
L31     1 TAYRTA

=> d l31 ti

L31 ANSWER 1 OF 1  USPATFULL on STN
TI    Genetic construct having heterologous 3' polyadenylation signal motifs
      that function in plants

=> d l30 1-10 ti

L30 ANSWER 1 OF 10  USPATFULL on STN
TI    Targeted chromosomal mutagenesis using zinc finger nucleases

L30 ANSWER 2 OF 10  USPATFULL on STN
TI    Novel analogues of glucose-dependent insulinotropic polypeptide

L30 ANSWER 3 OF 10  USPATFULL on STN
TI    Gilvocarcin gene cluster, recombinant production and use thereof

L30 ANSWER 4 OF 10  USPATFULL on STN
TI    Acyl-nucleotide probes and methods of their synthesis and use in
      proteomic analysis

L30 ANSWER 5 OF 10  USPATFULL on STN
TI    Fibrinogenolytic proteases with thrombolytic and antihypertensive
      activities from Taiwan habu: medical application and novel process of
      expression and production

```

L30 ANSWER 6 OF 10 USPATFULL on STN  
 TI Genetic construct having heterologous 3' polyadenylation signal motifs that function in plants

L30 ANSWER 7 OF 10 USPATFULL on STN  
 TI Proteins, polynucleotides encoding them and methods of using the same

L30 ANSWER 8 OF 10 USPATFULL on STN  
 TI Novel analogues of glucose-dependent insulinotropic polypeptide

L30 ANSWER 9 OF 10 USPATFULL on STN  
 TI Mutant pro-neurotrophin with improved activity

L30 ANSWER 10 OF 10 USPATFULL on STN  
 TI Fibrinogenolytic proteases with thrombolytic and antihypertensive activities: medical application and novel process of expression and production

=> d his

(FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 10:50:36 ON 24 FEB 2006

L1 4643 S (WILKINSON, J? OR WILKINSON J?)/AU  
 L2 411 S (MCBRIDE, K? OR MCBRIDE K?)/AU  
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 L4 1 S L1 AND L2 AND L3  
 L5 5063 S L1 OR L2 OR L3  
 L6 14 S L5 AND TERMINATION  
 L7 13 S L6 NOT L4  
 L8 11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)  
 L9 0 S L8 AND TERMINATION(W)SEQUENCE  
 L10 1260 S POLYADENYLATION(S)TERMINATION  
 L11 0 S L8 AND L10  
 L12 56 S YA AND CLEAVAGE  
 L13 6 S TAYRTA  
 L14 61 S L12 OR L13  
 L15 1 S L12 AND L13  
 L16 2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)  
 L17 27 DUPLICATE REMOVE L12 (29 DUPLICATES REMOVED)  
 L18 247 S CAL1  
 L19 83 S L18 AND YEAST  
 L20 0 S L19 AND (POLYADENYLATION OR TERMINATION)  
 L21 28 DUPLICATE REMOVE L19 (55 DUPLICATES REMOVED)

FILE 'USPATFULL' ENTERED AT 11:12:43 ON 24 FEB 2006

L22 2 S L4  
 L23 342 S L5  
 L24 45 S L23 AND TERMINATION  
 L25 30 S L24 AND PLANT  
 L26 28 S L25 NOT L22  
 L27 0 S L26 AND CAL1  
 L28 390 S L12  
 L29 0 S YA SAME CLEAVAGE  
 L30 10 S YA(S)CLEAVAGE  
 L31 1 S TAYRTA

=> s cal1

L32 179 CAL1

=> s l32 and plant

243178 PLANT

L33 16 L32 AND PLANT

=> s l33 not l22

L34 15 L33 NOT L22

=> d 134 1-10 ti

L34 ANSWER 1 OF 15 USPATFULL on STN  
TI Microbial protein expression system

L34 ANSWER 2 OF 15 USPATFULL on STN  
TI Nucleic acid sequences relating to Candida albicans for diagnostics and therapeutics

L34 ANSWER 3 OF 15 USPATFULL on STN  
TI Plant genes that confer resistance to strains of magnaporthe grisea having avri co39 cultivar specificity gene

L34 ANSWER 4 OF 15 USPATFULL on STN  
TI Complementary peptide ligands generated from plant genomes

L34 ANSWER 5 OF 15 USPATFULL on STN  
TI Evolution of whole cells and organisms by recursive sequence recombination

L34 ANSWER 6 OF 15 USPATFULL on STN  
TI Calpaines, production and use thereof

L34 ANSWER 7 OF 15 USPATFULL on STN  
TI Phosphorus-controllable recombinant expression of polypeptides in plants

L34 ANSWER 8 OF 15 USPATFULL on STN  
TI Methods of inhibiting inflammation at the site of a central nervous system injury with alphaD-specific antibodies

L34 ANSWER 9 OF 15 USPATFULL on STN  
TI Apparatus and method for detecting electrical resistance change in connectors to a remote mounted sensor

L34 ANSWER 10 OF 15 USPATFULL on STN  
TI Methods for recovering polypeptides from plants and portions thereof

=> d 134 kwic

L34 ANSWER 1 OF 15 USPATFULL on STN  
DRWD . . . and D required for delivery to eukaryotic cell (iv) Type IV--newly classified group including systems involved in DNA transfer to plant or other bacterial cells (e.g. T-DNA of Agrobacterium tumefaciens, 11 virB genes, unlikely to go via periplasmic intermediate) and pertussis. . . .

DETD Call polypeptide is synthesised with a 20 aa cleavable SP. Following translocation across the inner membrane (presumably via the sec pathway),. . . .

=> d 134 bib

L34 ANSWER 1 OF 15 USPATFULL on STN  
AN 2005:179488 USPATFULL  
TI Microbial protein expression system  
IN Korpela, Timo, Turku, FINLAND  
Macintyre-Ayane, Sheila, Reading, UNITED KINGDOM  
Zavialov, Anton, Moscow, RUSSIAN FEDERATION  
Battchikova, Natalia, Turku, FINLAND  
Petrovskaya, Lada, Moscow, RUSSIAN FEDERATION  
Zav'yalov, Vladimir, Moscow, RUSSIAN FEDERATION  
Korobko, Galina Petrovna, Moscow, RUSSIAN FEDERATION legal representative  
Korobko, Vyacheslav, United States deceased  
Korobko, Vyacheslav, Moscow, RUSSIAN FEDERATION

PA Biotechnol S.A., Oeiras, PORTUGAL (non-U.S. corporation)  
PI US 6919198 B1 20050719  
WO 2000066756 20001109  
AI US 2001-959650 20000503 (9)

WO 2000-FI387 20000503  
20020226 PCT 371 date

PRAI FI 2001-991014 19990504  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: McKelvey, Terry; Assistant Examiner: Vogel, Nancy T.  
LREP Birch, Stewart, Kolasch & Birch, LLP  
CLMN Number of Claims: 6  
ECL Exemplary Claim: 1  
DRWN 20 Drawing Figure(s); 14 Drawing Page(s)  
LN.CNT 1146  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d l34 11-15 ti

L34 ANSWER 11 OF 15 USPATFULL on STN  
TI Methods and compositions for the identification, characterization and inhibition of farnesyltransferase  
  
L34 ANSWER 12 OF 15 USPATFULL on STN  
TI Process control system for versatile control of multiple process devices of various device types  
  
L34 ANSWER 13 OF 15 USPATFULL on STN  
TI Methods and compositions for the identification, characterization, and inhibition of farnesyl protein transferase  
  
L34 ANSWER 14 OF 15 USPATFULL on STN  
TI Methods for the identification of farnesyltransferase inhibitors  
  
L34 ANSWER 15 OF 15 USPATFULL on STN  
TI Tetrapeptide-based inhibitors of farnesyl transferase

=> d l34 11 kwic

L34 ANSWER 11 OF 15 USPATFULL on STN  
SUMM . . . of RNA from which the clone bank is to be generated. One may mention by way of example, yeast, mammalian, plant, eukaryotic parasites and even viral-infected types of cells as the source of starting poly A.sup.+ RNA.  
DETD . . . yeast counterpart prenyl transferases, very recently two additional putative  $\beta$  subunits of yeast prenyltransferases have been identified, BET2 (47) and CAL1 (48). Both sequences resemble the DPR1/RAM1 gene product and the  $\beta$  subunit of the rat brain farnesyltransferase. A mutation in . . . CC, which has recently been shown to be geranylgeranylated in animal cells (49). The second putative  $\beta$ -subunit, encoded by the CAL1 gene, is necessary for yeast to control the cell cycle when deprived of calcium. Based on a genetic argument, it. . .

=> d l34 11, 13, 14, 15 bib

L34 ANSWER 11 OF 15 USPATFULL on STN  
AN 2000:84258 USPATFULL  
TI Methods and compositions for the identification, characterization and inhibition of farnesyltransferase  
IN Brown, Michael S., Dallas, TX, United States  
Goldstein, Joseph L., Dallas, TX, United States  
Reiss, Yuval, Dallas, TX, United States  
Marsters, Jim, Oakland, CA, United States  
PA Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)  
PI US 6083917 20000704  
AI US 1992-935087 19920824 (7)  
RLI Continuation-in-part of Ser. No. US 822011  
DT Utility  
FS Granted

EXNAM Primary Examiner: Davenport, Avis M.  
CLMN Number of Claims: 24  
ECL Exemplary Claim: 1  
DRWN 34 Drawing Figure(s); 29 Drawing Page(s)  
LN.CNT 3386  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L34 ANSWER 13 OF 15 USPATFULL on STN  
AN 1999:137000 USPATFULL  
TI Methods and compositions for the identification, characterization, and inhibition of farnesyl protein transferase  
IN Brown, Michael S., Dallas, TX, United States  
Goldstein, Joseph L., Dallas, TX, United States  
Reiss, Yuval, Tel-Aviv, Israel  
PA Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)  
PI US 5976851 19991102  
AI US 1993-21625 19930216 (8)  
RLI Continuation-in-part of Ser. No. US 1992-822011, filed on 16 Jan 1992, now abandoned which is a continuation-in-part of Ser. No. WO 1991-US2650, filed on 18 Apr 1991 which is a continuation-in-part of Ser. No. US 1990-615715, filed on 20 Nov 1990, now patented, Pat. No. US 5141851 which is a continuation-in-part of Ser. No. US 1990-510706, filed on 18 Apr 1990, now abandoned  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Low, Christopher S. F.  
LREP Arnold, White & Durkee  
CLMN Number of Claims: 36  
ECL Exemplary Claim: 1  
DRWN 43 Drawing Figure(s); 34 Drawing Page(s)  
LN.CNT 3074  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L34 ANSWER 14 OF 15 USPATFULL on STN  
AN 1999:121146 USPATFULL  
TI Methods for the identification of farnesyltransferase inhibitors  
IN Brown, Michael S., Dallas, TX, United States  
Goldstein, Joseph L., Dallas, TX, United States  
James, Guy L., Dallas, TX, United States  
PA Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)  
PI US 5962243 19991005  
AI US 1995-429964 19950427 (8)  
RLI Continuation-in-part of Ser. No. US 1993-21625, filed on 16 Feb 1993 which is a continuation-in-part of Ser. No. US 1992-822011, filed on 16 Jan 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-937893, filed on 22 Dec 1992 which is a continuation of Ser. No. WO 1991-US2650, filed on 18 Apr 1991 which is a continuation-in-part of Ser. No. US 1990-615715, filed on 20 Nov 1990, now patented, Pat. No. US 5141851 which is a continuation-in-part of Ser. No. US 1990-510706, filed on 18 Apr 1990, now abandoned  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Wax, Robert A.; Assistant Examiner: Slobodyansky, Elizabeth  
LREP Arnold White & Durkee  
CLMN Number of Claims: 34  
ECL Exemplary Claim: 1  
DRWN 55 Drawing Figure(s); 42 Drawing Page(s)  
LN.CNT 4835  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L34 ANSWER 15 OF 15 USPATFULL on STN  
AN 95:47840 USPATFULL  
TI Tetrapeptide-based inhibitors of farnesyl transferase  
IN Brown, Michael S., Dallas, TX, United States  
Goldstein, Joseph L., Dallas, TX, United States  
Reiss, Yuval, Dallas, TX, United States  
PA Board of Regents, The University of Texas, Austin, TX, United States

(U.S. corporation)  
 PI US 5420245 19950530  
 AI US 1992-863169 19920403 (7)  
 RLI Division of Ser. No. US 1992-822011, filed on 16 Jan 1992, now abandoned  
 which is a continuation-in-part of Ser. No. US 1990-615715, filed on 20  
 Nov 1990, now patented, Pat. No. US 5141851 which is a  
 continuation-in-part of Ser. No. US 1990-510706, filed on 18 Apr 1990,  
 now abandoned  
 DT Utility  
 FS Granted  
 EXNAM Primary Examiner: Cashion, Jr., Merrell C.; Assistant Examiner:  
 Davenport, A. M.  
 LREP Arnold, White & Durkee  
 CLMN Number of Claims: 10  
 ECL Exemplary Claim: 1  
 DRWN 36 Drawing Figure(s); 21 Drawing Page(s)  
 LN.CNT 2903  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
 10:50:36 ON 24 FEB 2006

L1 4643 S (WILKINSON, J? OR WILKINSON J?)/AU  
 L2 411 S (MCBRIDE, K? OR MCBRIDE K?)/AU  
 L3 12 S (BERTAIN, S? OR BERTAIN S?)/AU  
 L4 1 S L1 AND L2 AND L3  
 L5 5063 S L1 OR L2 OR L3  
 L6 14 S L5 AND TERMINATION  
 L7 13 S L6 NOT L4  
 L8 11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)  
 L9 0 S L8 AND TERMINATION(W)SEQUENCE  
 L10 1260 S POLYADENYLATION(S)TERMINATION  
 L11 0 S L8 AND L10  
 L12 56 S YA AND CLEAVAGE  
 L13 6 S TAYRTA  
 L14 61 S L12 OR L13  
 L15 1 S L12 AND L13  
 L16 2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)  
 L17 27 DUPLICATE REMOVE L12 (29 DUPLICATES REMOVED)  
 L18 247 S CAL1  
 L19 83 S L18 AND YEAST  
 L20 0 S L19 AND (POLYADENYLATION OR TERMINATION)  
 L21 28 DUPLICATE REMOVE L19 (55 DUPLICATES REMOVED)

FILE 'USPATFULL' ENTERED AT 11:12:43 ON 24 FEB 2006

L22 2 S L4  
 L23 342 S L5  
 L24 45 S L23 AND TERMINATION  
 L25 30 S L24 AND PLANT  
 L26 28 S L25 NOT L22  
 L27 0 S L26 AND CAL1  
 L28 390 S L12  
 L29 0 S YA SAME CLEAVAGE  
 L30 10 S YA(S)CLEAVAGE  
 L31 1 S TAYRTA  
 L32 179 S CAL1  
 L33 16 S L32 AND PLANT  
 L34 15 S L33 NOT L22

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF  
 LOGOFF? (Y)/N/HOLD:n

=> y

Y IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
22.73	102.89

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 11:19:34 ON 24 FEB 2006